

NWS CHANGE FORM PART A			1. DATE SUBMITTED 12/20/99	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE OM		3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1		4. COGNIZANT TECHNICAL INDIVIDUAL Name: Tom Graziano Routing Code: W/OM21 Phone: (301) 713-1970, x-103
5. ORIGINATOR TRACKING NUMBER 4.2.QPF				
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____				7. WSH TRACKING NUMBER NWS 534 12/22/99
8. TITLE OF CHANGE Display new NCEP/HPC Redbook Graphic Format QPF Products In D2D (Access / Display 2 existing products listed in Part A supplement page)				
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY			10. SITES AFFECTED (Attach Part B, Page 2, if needed) See attachment A1A	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) This change will enable CONUS field offices including NCEP to display new NCEP/HPC Redbook graphic format QPF products in D2D.				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Modify the existing D2D software to allow the display of new HPC products (See Part A, Page 2 for list of products).				
13. ALTERNATE SOLUTIONS None.				
14. REQUIRED CHANGE DATE 28 January 2000		15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) The Corporate Board (including APO) approved this date for national AWIPS implementation		
CCB/PMC/CMB DECISION				
16. DECISION AUTHORITY LEVEL		<input type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION		<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		
		SIGNATURE DATE SIGNED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED				
18. PMC OR NWS CMB DECISION		<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		
		SIGNATURE DATE SIGNED		

NWS CHANGE FORM PART A - DATA PRODUCTS SUPPLEMENT
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2. WSH TRACKING NUMBER NWS 534

[illegible]

12. STATE CIRCUITS	13. PRIME UPLINK	14. B/U UPLINK
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FOR METAR CHANGES ONLY								
15. COMMS ID		16. N. LATITUDE			17. W. LONGITUDE			18. ELEV (M)
		DEG	MIN	SEC	DEG	MIN	SEC	

19. INTERNAL NWS USE ONLY	<input type="checkbox"/>
22.	
AWIPS	
AFOS	
NWWS	

20. PRODUCT SOURCE	
A. CHANGE	B. EFFECTIVE DATE

21. AWIPS DATA TYPE	
DATE	C. ISSUE DATE

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER 4.2.QPF	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 534	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) This cost is associated with R4.2 maintenance		KMOD _____ BASE	AMOUNT \$
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT \$0
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) This change will be tested on the NMT by SST, and it will pushed to the sites by the NCF as directed by SST		KMOD _____ BASE	AMOUNT
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) N/A		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/A	
12. IMPLEMENTATION/RETROFIT SCHEDULE		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES N/A	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) N/A		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) N/A	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) This change will be tested on the NMT by SST prior to installation at the sites. SST will coordinate with the sites listed in attachment A1A for the NCF to push the change to these sites. SST, and the FSL Engineers will be available to the sites for assistance.			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER 4.2.QPF			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER NWS 534			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
N/A									

NWS CHANGE FORM PART C						1. ORIGINATOR TRACKING NUMBER 4.2.QPF	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.						2. WSH TRACKING NUMBER NWS 534	
3. CCB COST EVALUATION							
NWS COST \$		FAA COST \$		DOD COST \$		OTHER AGENCY COST \$ (SPECIFY)_____	
4. IMPLEMENTATION DOCUMENTS REQUIRED							
<input type="checkbox"/> Engineering Modification Note <input checked="" type="checkbox"/> Software Release Notes Other <input type="checkbox"/> Document (Specify)_____							
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.							
5. IMPLEMENTATION ACTIVITY REQUIRED				6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE	8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION	
A. Coordinate implementation schedule with sites through SST				25 Jan 00	Thigpen/SST, W/APO3	N/A	
B. NCF Pushes the change to sites as directed by SST				28 Jan 00	Thigpen/SST, W/APO3	See item C	
C. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (NWS529) in Block 17a of the EMRS report.				28 Feb 00	Finke, W/CR41x4 Machado, W/ER41x4 Garcia, W/SR41x4 Fahy, W/WR411		
D. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes.				07 Mar 00	Michelle deTommaso W/OSO113		